

FORM PTO 1449 O I P E JAN 12 1998 (USE SEVERAL SHEETS IF NECESSARY)	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MNFRAME.040A	APPLICATION NO. 08/942,168
		APPLICANT Liu et al.	
		FILING DATE October 1, 1997	GROUP Unknown

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER

Scott Badenow

DATE CONSIDERED

12/6/99

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT LIU, ET AL.	RECEIVED JAN 21 1999 Group 2700
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE October 1, 1997	

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PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	4,449,182	05/15/84	Rubinson et al.	—	—	
	4,835,737	05/30/89	Herrig et al.	—	—	
	4,949,245	08/14/90	Martin et al.	—	—	
↓	4,999,787	03/12/91	McNally et al.	—	—	
	5,210,855	05/11/93	Bartot	—	—	
AB	5,269,011	12/07/93	Yanai et al.	—	—	
	5,272,584	12/21/93	Austruy et al.	—	—	
	5,317,693	05/31/94	Cuenod et al.	—	—	
	5,329,625	07/12/94	Kannan et al.	—	—	
	5,337,413	08/09/94	Lui et al.	—	—	
	5,386,567	01/31/95	Lien et al.	—	—	
	5,483,419	01/09/96	Kaczeus, Sr. et al.	—	—	
	5,493,574	02/20/96	McKinley	—	—	
	5,493,666	02/20/96	Fitch	—	—	
	5,517,646	05/14/96	Piccirillo et al.	—	—	
	5,555,510	09/10/96	Versepuit et al.	—	—	
	5,564,024	10/08/96	Pemberton	—	—	
↓	5,568,610	10/22/96	Brown	—	—	
	5,579,491	11/26/96	Jeffries et al.	—	—	
AB	5,581,712	12/03/96	Herrman	—	—	
	5,588,144	12/24/96	Inoue et al.	—	—	
	5,606,672	02/25/97	Wade	—	—	
	5,608,876	03/04/97	Cohen et al.	—	—	
	5,615,207	03/25/97	Gephardt et al.	—	—	
	5,632,021	05/20/97	Jennings et al.	—	—	
	5,638,289	06/10/97	Yamada et al.	—	—	
	5,644,470	07/01/97	Benedict et al.	—	—	
↓	5,644,731	07/01/97	Liencres et al.	—	—	

EXAMINER	Scott Badenow	DATE CONSIDERED	12/6/99
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		FILING DATE October 1, 1997	GROUP 2785
		Group 2700	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	5,651,006	07/22/97	Fujino et al.	██████	██████	
	5,652,832	07/29/97	Kane et al.	██████	██████	
	5,664,119	09/02/97	Jeffries et al.	██████	██████	
	5,680,288	10/21/97	Carey et al.	██████	██████	
	5,696,970	12/09/97	Sandage et al.	██████	██████	
	5,726,506	03/10/98	Wood	██████	██████	
	5,740,378	04/14/98	Rehl et al.	██████	██████	
	5,747,889	05/05/98	Raynham et al.	██████	██████	
	5,748,426	05/05/98	Bedingfield et al.	██████	██████	
	5,754,797	05/19/98	Takahashi	██████	██████	
	5,761,033	06/02/98	Wilhelm	██████	██████	
	5,761,045	06/02/98	Olson et al.	██████	██████	
	5,764,968	06/09/98	Ninomiya	██████	██████	
	5,765,198	06/09/98	McCrocklin et al.	██████	██████	
	5,768,541	06/16/98	Pan-Ratzlaff	██████	██████	
	5,768,542	06/16/98	Enstrom et al.	██████	██████	
	5,781,767	07/14/98	Inoue et al.	██████	██████	
	5,781,798	07/14/98	Beatty et al.	██████	██████	
	5,784,576	07/21/98	Guthrie et al.	██████	██████	
	5,790,831	08/04/98	Lin et al.	██████	██████	
	5,793,987	08/11/98	Quackenbush et al.	██████	██████	
	5,794,035	08/11/98	Golub et al.	██████	██████	
	5,796,185	08/18/98	Takata et al.	██████	██████	
	5,796,981	08/18/98	Abudayyeh et al.	██████	██████	
	5,798,828	08/25/98	Thomas et al.	██████	██████	
	5,799,036	08/25/98	Staples	██████	██████	
	5,802,269	09/01/98	Poisner et al.	██████	██████	
↓	5,802,393	09/01/98	Begun et al.	██████	██████	

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FILING DATE October 1, 1997		GROUP 2785

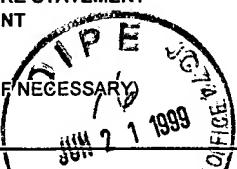
U.S. PATENT DOCUMENTS

EXAMINER <i>Scott Baderman</i>	DATE CONSIDERED <i>12/6/99</i>
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		FILING DATE October 1, 1997	GROUP 2785
		JUN 22 1999	



Group 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>AB</i>	A	4,057,847	11/08/77	Lowell et al.	364	200	
	B	4,672,535	06/09/87	Katzman et al.	364	200	
	C	4,769,764	09/06/88	Levanon	364	708	
	D	5,051,720	09/24/91	Kittirutsunetorn	340	310 R	
	E	5,157,663	10/20/92	Major et al.	371	9.1	
	F	5,253,348	10/12/93	Scalise	395	325	
	G	5,266,838	11/30/93	Gerner	307	19	
	H	5,432,946	07/11/95	Allard et al.	395	750	
	I	5,473,499	12/05/95	Weir	361	58	
	J	5,526,289	06/11/96	Dinh et al.	364	557	
	K	5,528,409	06/18/96	Cucci et al.	359	171	
	L	5,546,272	08/13/96	Moss et al.	361	687	
	M	5,559,764	09/24/96	Chen et al.	396	30	
	N	5,559,958	09/24/96	Farrand et al.	395	183.03	
	O	5,572,403	11/05/96	Mills	361	695	
	P	5,598,407	01/28/97	Bud et al.	370	330	
	Q	5,621,159	04/15/97	Brown et al.	73	9	
	R	5,622,221	04/22/97	Genga, Jr. et al.	165	208	
	S	5,652,892	07/29/97	Ugajin	395	750	
	T	5,671,371	09/23/97	Kondo et al.	395	306	
	U	5,737,708	04/07/98	Grob et al.	455	557	
	V	5,742,833	04/21/98	Dea et al.	395	750.05	
	W	5,752,164	05/12/98	Jones	455	33.1	
	X	5,778,197	07/07/98	Dunham	395	284	
	Y	5,787,459	07/28/98	Stallmo et al.	711	112	
	Z	5,790,775	08/04/98	Marks et al.	395	182.07	
	A1	5,796,580	08/18/98	Komatsu et al.	361	687	
↓	B1	5,802,305	09/01/98	McKaughan et al.	395	200.57	

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11	JUN 21 1999	FILING DATE October 1, 1997	GROUP 2785 Group 2700

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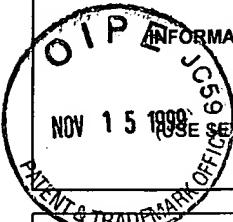
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MS	C1	5,802,324	09/01/98	Wunderlich et al.	395	281	
	D1	5,803,357	09/08/98	Lakin	236	78 B	
	E1	5,812,748	09/22/98	Ohran et al.	395	182.02	
	F1	5,821,596	10/13/98	Miu et al.	257	419	
	G1	5,835,719	11/10/98	Gibson et al.	395	200.51	
	H1	5,838,932	11/17/98	Alzien	395	308	
	I1	5,852,724	12/22/98	Glenn, II et al.	395	200.69	
	J1	5,864,653	01/26/99	Tavallaei et al.	315	181	
	K1	5,875,310	02/23/99	Buckland et al.	395	306	
	L1	5,878,238	03/02/99	Gan et al.	395	308	
↓	M1	5,881,311	03/09/99	Woods	395	824	
	N1						

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	1	Shanley and Anderson, PCI System Architecture, Third Edition , Chapters 15 & 16, pp. 297-328, CR 1995.
	2	PCI Hot-Plug Specification, Preliminary Revision for Review Only, Revision 0.9, pp. i-vi, and 1-25, March 5, 1997.
	3	SES SCSI-3 Enclosure Services, X3T10/Project 1212-D/Rev 8a, pp. i, iii-x, 1-76, and I-1 (index), January 16, 1997.
	4	Compaq Computer Corporation, Technology Brief, pp. 1-13, December 1996, "Where Do I Plug the Cable? Solving the Logical-Physical Slot Numbering Problem."

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	1 4,440,182	05/15/84	Rubinson et al.	364	200	
AB	2 4,695,946	09/22/87	Andreasen et al.	364	200	
	3 4,707,803	11/17/87	Anthony, Jr. et al.	364	900	
AB	4 4,774,502	09/27/88	Kimura	340	501	
	5 4,949,245	08/14/90	Martin et al.	364	200	
AB	6 4,968,977	11/06/90	Chinnaswamy et al.	340	825.8	
	7 5,051,720	09/24/91	Kittirutsunetorn	340	310 R	
	8 5,073,932	12/17/91	Yossifor et al.	380	23	
	9 5,103,391	04/07/92	Barrett	364	133	
	10 5,247,683	09/21/93	Holmes et al.	395	700	
AB	11 5,272,382	12/21/93	Heald et al.	307	66	
	12 5,272,584	12/21/93	Austruy et al.	361	58	
AB	13 5,283,905	02/01/94	Saadeh et al.	395	750	
AB	14 5,311,451	05/10/94	Barrett	364	550	
	15 5,329,625	07/12/94	Kannan et al.	395	275	
	16 5,357,413	08/09/94	Lui et al.	395	275	
AB	17 5,367,670	11/22/94	Ward et al.	395	575	
AB	18 5,379,184	01/03/95	Barraza et al.	361	685	
	19 5,386,567	01/31/95	Lien et al.	395	700	
AB	20 5,402,431	03/28/95	Saadeh et al.	371	67.1	
	21 5,426,740	06/20/95	Bennett	395	325	
	22 5,430,845	07/04/95	Rimmer et al.	395	275	
	23 5,455,933	10/03/95	Schieve et al.	395	183.03	
	24 5,564,024	10/08/96	Pemberton	395	283	
AB	25 5,602,758	02/11/97	Lincoln et al.	364	505	
	26 5,644,731	07/01/97	Liencres et al.	395	283	
AB	27 5,652,839	07/29/97	Giorgio et al.	NOV 16 1997	395	200.11
	28 5,680,288	10/21/97	Carey et al.		361	118
AB	29 5,696,949	12/09/97	Young	Group 2700	395	551
AB	30 5,704,031	12/30/97	Mikami et al.		395	182.02
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U.S. PATENT DOCUMENTS

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<i>AB</i>	31 5,742,514	04/21/98	Bonola	364	492	09/11/96
<i>AB</i>	32 5,758,352	05/26/98	Reynolds et al.	707	200	09/05/96
	33 5,764,968	06/09/98	Ninomiya	395	560	08/05/96
<i>AB</i>	34 5,767,844	06/16/98	Stoye	345	212	02/29/96
	35 5,793,967	08/11/98	Quackenbush et al.	395	280	07/22/96
<i>AB</i>	36 5,793,992	08/11/98	Steele et al.	395	293	06/13/96
<i>AB</i>	37 5,799,196	08/25/98	Flannery	395	750.03	07/02/96
	38 5,802,562	09/01/98	Fandrich et al.	711	103	10/1/97
<i>AB</i>	39 5,815,652	09/29/98	Ote et al.	395	183.07	05/30/96
	40 5,838,935	11/17/98	Davis et al.	395	309	12/29/95
	41 5,867,730	02/02/99	Leyda	395	830	07/31/97
	42 5,878,237	03/02/99	Olarig	395	308	07/11/97
	43 5,878,238	03/02/99	Gan et al.	395	308	08/07/97
	44 5,907,672	05/25/99	Matze et al.	395	182.06	10/04/95
	45 5,913,034	06/15/99	Malcolm	395	200.53	08/27/96
	46 5,918,057	06/29/99	Chou et al.	395	733	03/20/97
	47 5,922,060	07/13/99	Goodrum	710	103	12/31/96
<i>AB</i>	48 5,936,960	08/10/99	Stewart	370	438	08/21/97

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>AB</i>	49 EP 0 866 403 A1	09/23/98	European Patent Office	G06F	13/10		

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